

Converting Colors

CIELCh(65, 11.874, 198.408)

Have a look what the booklet for
CIELCh(65, 11.874, 198.408)
contains.

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Color

CIELCh(65, 11.874, 198.408)

Conversions

Conversions Part 1

Format	Color
Hex	83A4A4
RGB	131, 164, 164
RGB Percent	51%, 64%, 64%
CMY	0.4863, 0.3569, 0.3569
CMYK	0.20, 0.00, 0.00, 0.36
HSL	180°, 15%, 58%
HSV	180°, 20%, 64%
XYZ	29.3280, 34.0472, 40.1385
YIQ	154.1330, -19.6680, -6.9960

Conversions

Conversions Part 2

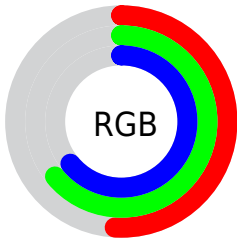
Format	Color
RYB	131, 148, 164
Decimal	8627364
CIELab	65.00, -11.27, -3.75
CIELCh	65, 11.874, 198.408
Yxy	34.0472, 0.2833, 0.3289
Android (android.graphics.Color)	4286817444 (0xFF83A4A4)
YUV	154.1330, 4.8644, -20.2876
Hunter-Lab	58.3500, -12.3942, 0.0599

Details

The CIELCh color `65, 11.874, 198.408` is a light color, and the websafe version is hex `669999`. A complement of this color would be `58, 13.519, 20.804`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 11.743, 198.626`, and `45, 11.691, 198.097` is the 20% darker color. If you saturate the color by 10%, you get `64, 17.169, 197.938`, and if you desaturate by 10%, it is `66, 6.145, 198.936`.

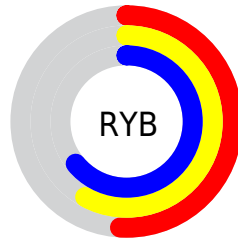
Distribution



Red (51%)

Green (64%)

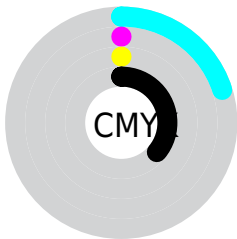
Blue (64%)



Red (51%)

Yellow (58%)

Blue (64%)

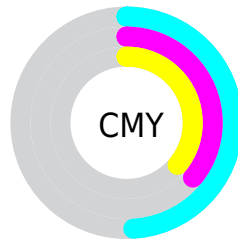


Cyan (20%)

Magenta (0%)

Yellow (0%)

Black (36%)



Cyan (49%)


Magenta (36%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 11.874, 198.408 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 65, 11.874, 198.408 by changing the saturation by 10% instead.


 65, 11.874,
198.408


 65, 11.874,
198.408


 100, 11.874,
198.408


 55, 11.874,
198.408


 85, 11.874,
198.408

 45, 11.874,
198.408

 95, 11.874,
198.408

 35, 11.874,
198.408

 25, 11.874,
198.408

 15, 11.874,
198.408

 5, 11.874, 198.408

 0, 11.874, 198.408

65, 11.874,
198.408

65, 11.874,
198.408

64, 17.169,
197.938

66, 6.145, 198.936

63, 21.932,
197.532

67, 0.077, 205.617

69, 6.246, 19.881

63, 26.072,
197.185

70, 12.746, 20.507

62, 29.515,
196.902

72, 19.358, 21.122

74, 26.032, 21.741

62, 32.209,
196.683

75, 32.724, 22.361

61, 34.143,
196.526

76, 36.487, 22.708

76, 36.487, 22.707

61, 35.349,
196.429

61, 36.017,

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65, 11.874, 198.408



58, 13.519, 20.804

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 11.874, 198.408



65, 11.874, 248.408



65, 11.874, 18.408



65, 11.874, 68.408

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65, 11.875, 198.402



85, 4.571, 199.196



64, 22.337, 142.768



45, 3.022, 199.153



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 11.875, 198.402



82, 17.353, 198.194



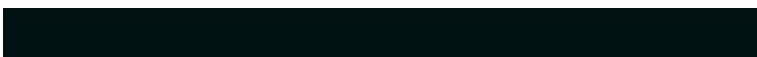
61, 10.722, 256.399



34, 3.428, 198.988



54, 32.968, 196.376



4, 5.463, 199.414

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58, 13.519, 20.804



72, 20.370, 21.226



62, 11.357, 71.185



32, 3.629, 19.897



30, 68.061, 39.261



1, 5.464, 19.399

Previews

White Background



This preview shows how the CIELCh color 65, 11.874, 198.408 looks on a white background.

Color Contrast Check

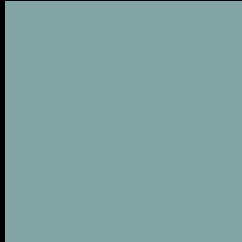
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 65, 11.874, 198.408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

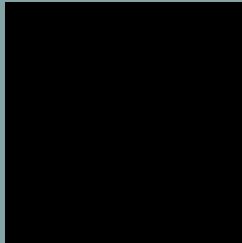
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

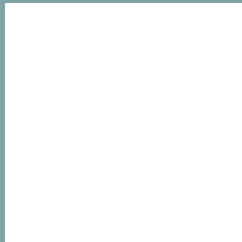
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 11.874, 198.408

Background



This preview shows how black text looks on a background with the CIELCh color 65, 11.874, 198.408.

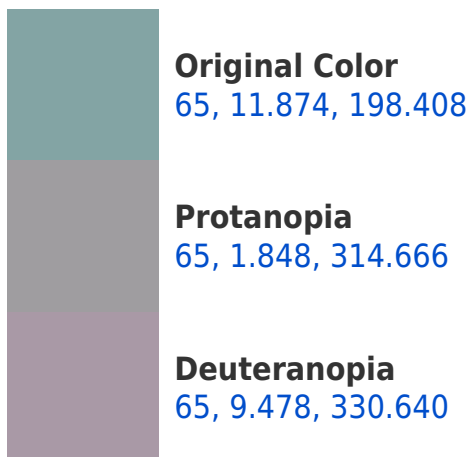


This preview shows how white text looks on a background with the CIELCh color 65, 11.874, 198.408.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
65, 12.263, 235.019

Trichromacy



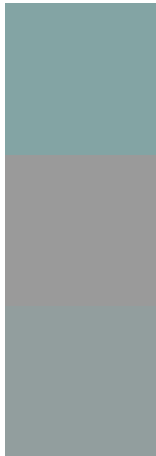
Original Color
65, 11.874, 198.408

Protanomaly
65, 4.139, 206.883

Deuteranomaly
65, 4.503, 281.125

Tritanomaly
65, 11.693, 221.040

Monochromacy



Original Color
65, 11.874, 198.408

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 4.500, 199.101

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 11.874, 198.408 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(131, 164, 164)` looks like.

```
.text, #text, p{  
    color:rgb(131, 164, 164)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(131, 164, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 164, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 11.874, 198.408 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(131, 164, 164) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(131, 164, 164) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(131, 164, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 164, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 164, 164);  
box-shadow:4px 4px 4px 4px rgb(131, 164,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 11.874, 198.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 164, 164) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(131,  
164, 164) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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